

ABSTRACT OF THE DISCLOSURE

A system for detecting aeration in a lubricant includes a sensor having a pair of spaced apart concentric rings forming a first capacitor through which the lubricant flows and a capacitor segment forming a second capacitor with the outer ring. The capacitors
5 are connected in a balanced bridge circuit and the second capacitor is constructed to remove gas entrapped in the lubricant present in the second capacitor so that the bridge becomes unbalanced indicating gas entrapped in the lubricant flowing through the first capacitor.

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